

A NEW SPECIES OF *PIQUERIA* (ASTERACEAE-EUPATORIEAE) FROM MICHOACAN, MEXICO
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Preparation of a treatment of *Piqueria* for the forthcoming Asteraceae of Mexico (Turner and Nesom, in prep.) has revealed the following novelty. It is related to the delicate annual, *P. laxiflora* B. L. Rob., and was first suggested as perhaps new to science by McVaugh (1984). I concur with his assessment and so describe it here.

PIQUERIA GLANDULOSA B. L. Turner, sp. nov.

P. laxiflora B. L. Rob. simile sed pedunculis ultimis longioribus trichomatibus glandulosis differt.

Delicate, erect, annual herbs 10-70 cm high. Stems striate or sulcate, glabrous below, arising from a small taproot. Leaves 1-7 cm long; petioles 3-15 mm long; blades thin, ovate to lanceolate, 3-nervate from the base, sparsely pubescent along the nerves, the margins dentate with 5-8 teeth along each side. Heads borne in diffuse, widely spreading, corymbose panicles, the ultimate peduncles slender, glandular-pubescent, mostly 7-20 mm long. Involucre narrowly turbinate, eximbricate, 2.0-2.5 mm high, ca 1.5 mm wide; bracts 4, glabrous or nearly so, except for the ciliate, erose, shortly cuspidate, apices. Florets 4 per head; corollas white, somewhat zygomorphic, ca 2 mm long; tube pubescent; lobes 5, 0.5-1.0 mm long. Anthers brown, ca 0.5 mm long. Achenes 1.5-1.7 mm long, glabrous, epappose.

TYPE: MEXICO, MICHOACAN: In open pine-oak woods in ravine 15 mi S of Ario de Rosales, ca 4200 ft, 22 Oct 1962, A. Cronquist 9735 (holotype TEX; isotypes MEXU, NY).

ADDITIONAL SPECIMENS EXAMINED: MEXICO. MICHOACAN: Uruapan, Cascadas de Tzararacua, ca 1400 m, 16 Dec 1984, Cowan 4875 (MEXU, TEX); 22 kms S of Uruapan, 3300-3700 ft, 16-22 Oct 1961, King & Soderstrom 4799 (TEX); 5 km S of Uruapan, ca 1900 m, 15 Nov 1983, Martinez et al 5326 (MEXU, TEX); ledges near Coru Station, 6000 ft, 13 Oct 1904, Pringle 13074 (TEX); 6 km S of Ario de Rosales, 1750 m, 27 Dec 1966, Rzedowski 23729 (TEX); El Cerro Piedra Parada, Mcpio. Nuevo Urecho, 1100 m, 2 Oct 1970, Ventura 2502 (TEX).

The species is clearly related to *P. laxiflora* and several of the sheets cited above were singled out by McVaugh (1984; p.743), including the type itself, as perhaps representing a different species.

LITERATURE CITED

McVaugh, R. 1984. *Piqueria*, in *Flora-Novo-galiciana* 12:742-747.